

In the Claims:

Amend claim 1 as follows:

1. (Amended) Process for producing a cylindrical component of glass, comprising:
feeding a glass composition to a heating zone,
softening the glass composition in the heating zone,
continuously plastically deforming the softened glass composition in a deformation zone to
form a component, the deformation zone having a circumference,
determining a size and location of a deviation of a determined cross-sectional geometry
from a nominal geometry of the component, and
locally heating or cooling the composition in at least one deformation area, which extends
over only a part of the circumference of the deformation zone, wherein said local heating or
cooling is performed automatically as a function of a size and location of said deviation of the
determined cross-sectional geometry from the nominal geometry.

Cancel claim 7.

Claim 8, line 1, delete "7" and insert therefor -- 1 --.

Claim 9, line 2, delete the first occurrence of "said" and insert therefor -- a --.

Amend claim 10 as follows:

10. (Amended) Apparatus for producing a cylindrical component of glass, said apparatus
comprising a feed device, a heating device, and a take-off device, where a glass composition is fed
continuously by the feed device to the heating device, in which it is softened, and where the
component is formed out of the softened glass composition by means of the take-off device in a
deformation zone, further comprising heating and/or cooling means (4: 19) which act locally on at

least one deformation area (18; 18a), which extends over only part of the circumference of the deformation zone (14), and wherein the heating and cooling means (4; 19) are connected to an automatic control device (9), and, as a function of a control signal from a control device (9), these means can be moved in the direction of the longitudinal axis of the component (12) and adjusted in a circumferential direction around the deformation zone (14).

Claim 12, lines 1 and 2, delete "an electrical heating element,".

Claim 12, line 2, delete "or a laser".

Cancel claim 13.

Cancel claims 18 and 19.

In the Abstract

Line 11, delete "means".

In the Drawings:

Delete present Fig. 1 and replace it with the enclosed new Fig. 1.

Add new Fig. 5.

REMARKS

The following paragraphs are numbered to correspond to the paragraphs of the Official Action.

1. A new Declaration with the proper reference to the serial number and filing date of the subject application is enclosed herewith.
2. New proposed Figures 1 and 5 are enclosed herewith. The new Figures and the corresponding text added to the specification illustrate and describe the elements of the invention